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Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

Claims 1-10. (CANCELED)

11. (Currently amended). A shank-end tool for the <u>use for milling-type</u> machining of chipless materials for the manufacture of molds in the sand casting industry, especially heat-resistant foundry sand casting molds for producing metal castings, said tool comprising:

a shank portion having a longitudinal axis, a first end that can be connected detachably to a drive device and a second end with a groove-shaped recess extending in the longitudinal direction; and

a cutter blade as an insert tool in the form of a flat bar having a thickness from 0.1 mm to 5.00 mm in said groove and fixedly attached to the shank, said cutter blade having a flat leading face in a direction of advance during use, wherein the cutter blade in the form of a flat bar has a leading blade edge with at least a portion of the leading edge substantially parallel to said longitudinal axis and the flat bar is provided without cutting edges on the leading face,

wherein the eutter blade is a flat blank of a material selected from the group consisting of steel, wear-resistant steel, or a wear-resistant material, and wherein said <u>leading</u> blade edge is at a right angle to the flat leading face.

12. (Currently amended). A shank-end tool in accord with Claim 11, wherein the flat leading face of the cutter-blade is more wear resistant than then the rear side of the cutter-blade, wherein the cutter-blade comprises a steel base material and is provided with a wear - protective covering on the leading flat face, the wear-protective covering being a material selected from the group consisting of a hard substance, a metal composite containing hard substances, and a metal alloy containing a hard substance.

- 13. (Currently amended). A shank-end tool in accord with Claim 11, eutter blade further comprising a trailing edge behind the blade edge when viewed in the direction of advance, wherein the <u>leading</u> blade edge and the trailing edge are rounded.
- 14. (Currently amended). A shank-end tool in accord with Claim 11, wherein the flat leading face of the cutter-blade has a rounded corner or a corner cut at an angle.
- 15. (Currently amended). A shank-end tool in accord with Claim 11, wherein the flat leading face of the eutter-blade has an outer contour with a circular arc or conical shape.
- 16. (Currently amended). A shank-end tool in accord with Claim 11, the cutter blade further comprises a curved surface having a convex face or a bent surface, parallel to the longitudinal axis, with the convex face of the curved surface or of the bend pointing in a direction of rotation of the shank in use.
- 17. (Currently amended). A shank-end tool in accord with Claim 11, wherein the eutter-blade further comprises shovel-like blade folds that are sloped with a blade angle relative to the longitudinal axis to produce fan-like action.
- 18. (Currently amended). A shank-end tool in accord with Claim 11, wherein the eutter blade comprises a material selected from the group consisting of a metal, a high-strength elastically deformable material, and a springy material.
 - 19. (Canceled).
- 20. (Previously presented). A shank-end tool in accord with Claim 11, wherein the shank comprises a tubular or cylindrical hollow body at least at the second end.

21. (Currently amended). A method for the milling-type machining of chipless materials for the manufacture of heat-resistant sand molds, said method comprising: providing a shank-end tool comprising:

a shank portion having a longitudinal axis, a first end that can be connected detachably to a drive device and a second end with a groove-shaped recess extending in the longitudinal direction; and

a cutter-blade as an insert tool in the form of a flat bar in said groove and fixedly attached to the shank, said cutter-blade having a flat leading face with a leading blade edge in a direction of advance during use,

wherein the eutter-blade has a leading blade edge with at least a portion of the leading edge substantially parallel to said longitudinal axis and the flat bar and is provided with a non-cutting blade edge on the leading face; and

wherein said <u>leading</u> blade edge is at a right angle to the flat leading face; and

machining a chipless material with the shank-end tool to provide a finished form.

- 22. (Currently amended). A method for the milling-type machining of chipless materials in accord with claim 21, wherein the flat leading face of the eutter-blade is more wear resistant then the rear side of the eutter-blade, wherein the eutter-blade comprises a steel base material and is provided with a wear protective covering on the leading flat face, the wear-protective covering being a material selected from the group consisting of a hard substance, a metal composite containing hard substances, and a metal alloy containing a hard substance.
- 23. (Currently amended). A method for the milling-type machining of chipless materials in accord with Claim 21, wherein the cutter-blade further comprises a trailing edge behind the <u>leading</u> blade edge when viewed in the direction of advance, wherein the blade edge and the trailing edge are rounded.

- 24. (Currently amended). A method for the milling-type machining of chipless materials in accord with Claim 21, wherein the flat leading face of the eutter-blade has a rounded corner or a corner cut at an angle.
- 25. (Currently amended). A method for the milling-type machining of chipless materials in accord with Claim 21, wherein the flat leading face of the eutter-blade has an outer contour with a circular arc or conical shape.
- 26. (Currently amended). A method for the milling-type machining of chipless materials in accord with Claim 21, wherein the eutter-blade further comprises a curved surface having a convex face or a bent surface, parallel to the longitudinal axis, with the convex face of the curved surface or of the bend pointing in a direction of rotation of the shank in use.
- 27. (Currently amended). A method for the milling-type machining of chipless materials in accord with Claim 21, wherein the cutter-blade further comprises shovel-like blade folds that are sloped with a blade angle relative to the longitudinal axis to produce fan-like action.
- 28. (Currently amended). A method for the milling-type machining of chipless materials in accord with Claim 21, wherein the eutter-blade comprises a material selected from the group consisting of a metal, a high-strength elastically deformable material, and a springy material.
 - 29. (Canceled).
- 30. (Previously presented). A method for the milling-type machining of chipless materials in accord with Claim 21, wherein the shank comprises a tubular or cylindrical hollow body at least at the second end.